

**Abstract of the Disclosure**

A fluidized bed incinerator having a combustion furnace includes first to fourth combustion sections. Fuel is supplied to the first combustion section and 5 an combustion exhaust gas is exhausted after the fourth combustion section. First to fourth airs are supplied to the first to fourth combustion sections in first to fourth air surplus rates, respectively. The second air surplus rate is equal to or more than the 10 first air surplus rate, the third air surplus rate is equal to or more than the second air surplus rate, and the fourth air surplus rate is equal to or more than the third air surplus rate.

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